

NDS331N Information


For Reference Only

Part Number [NDS331N](#)
Manufacturer Fairchild/ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 1.3A SSOT3
Package TO-236-3, SC-59, SOT-23-3
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


NDS331N Specifications

Manufacturer Part Number	NDS331N
Manufacturer	Fairchild/ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-236-3, SC-59, SOT-23-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	20V
Current - Continuous Drain (I _d) @ 25°C	1.3A (T _a)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	2.7V, 4.5V
V _{gs(th)} (Max) @ I _d	1V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	5nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	162pF @ 10V
V _{gs} (Max)	±8V
FET Feature	-
Power Dissipation (Max)	500mW (T _a)
R _{ds On} (Max) @ I _d , V _{gs}	160 mOhm @ 1.5A, 4.5V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	SuperSOT-3
Package / Case	TO-236-3, SC-59, SOT-23-3

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NDS331N Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

NDS331N Payment Methods



NDS331N Shipping Methods



If you have any question about NDS331N, please do not hesitate to contact us!

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